Morristown Beard School

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# PROFILE: THE CLASS of 2024

CEEB CODE: 310845

Within a culture of support and collaboration, Morristown Beard School students discover and develop their individual pathways to academic success and personal fulfillment while becoming enlightened, morally responsible citizens of the world.

#### THE SCHOOL COMMUNITY

Morristown Beard School is an independent, coeducational day school serving students from over 85 communities and nine counties in northern New Jersey. The School is accredited by the Middle States Association of Colleges and Schools and the New Jersey Association of Independent Schools and is approved by the New Jersey State Department of Education.

#### CURRICULAR PHILOSOPHY

The MBS Curriculum recognizes both that every student is capable of a growth mindset and that no student grows at a consistent rate in every direction at once. The curriculum affords students the opportunity to discover their identities as learners and commit to deepening their mastery in whatever ignites their passion.

Whatever their particular interests, students at MBS experience a curriculum that gives special emphasis to several areas:

 Writing is incorporated across disciplines as a vehicle for inquiry and reasoning, in the belief that a world driven by divergent thinking depends on precise written communication to set and achieve convergent goals.

• Quantitative reasoning and numeracy anchor disciplines beyond Math and Science, driving student work in Design courses, History and the Social Sciences, Wellness, and Computational and Information Sciences.

• The two-year requirement in the Arts supports crucial 21st-century skills in collaboration, creative problem solving, and design thinking, while offering students a foundation in the world's sustaining cultural traditions. The insights of design thinking inform classroom practices around the school.

• Skills and content in all disciplines are framed by global perspectives, ethics, and their bearing on the wellbeing of individuals and societies.

#### Honors at MBS

Students receiving an Honors designation on an MBS transcript have demonstrated commitment to the following habits of mind:

- Enhanced investment in the learning situations of a particular discipline.
- Patience with struggle during a process (including readiness to encounter discomfort, ambiguity, and uncertainty).
- Independent initiative in applying sophisticated skills to novel, open-ended, and complex problems.

In addition to classes at the Honors level, MBS offers a wide range of "Earned Honors" in which students may elect to commit to Honors habits of mind. In making that commitment, students hold themselves to an especially demanding experience of a discipline and class, reflected in the nature of all assignments, readings, and work they will undertake for the year or semester, depending on the length of the course.

Fast Facts						
587	Students in Grades 6-12					
443	Upper School Students					
111	Seniors					
11	Advanced Placement (AP) Courses					
8	Advanced Studies (AS) Courses					
72 %	Faculty with Advanced Degrees					
\$4.35 M	Scholarships and Financial Aid					

## **GRADUATION REQUIREMENTS** The academic year is divided into two semesters during which a minimum academic load is six courses. While a total of 24 credits is required for graduation, we encourage students to pursue their academic interests by going beyond the minimum requirements of: English | 4 years

Mathematics	3 years
History	3 years
Science	3 years
World Language	3 years
Performing/Visual & Digital Arts	2 years
Wellness	2 years

### **Test Scores** (CLASS OF 2023)

	Mean
SAT	
Evidence Based	
Reading and Writing	630
Math	620
Total	1250
	······
ACT	
English	29
Math	26
Reading	29
Science	28
Composite	27

### **GRADING SYSTEM** AND CLASS RANK

Grade point averages are unweighted and calculated based on the system below. Passing grade is 60. A cumulative GPA is not calculated, nor do we rank our students.

Letter Grade	Points
A+	4.00
А	4.00
A-	3.67
B+	3.33
В	3.00
B-	2.67
C+	2.33
С	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

## **CURRICULUM NOTES**

#### Advanced Classes

MBS offers a range of "Advanced" classes, which fall into several categories. All Advanced classes are college equivalent.

#### Advanced Placement and Advanced Studies

In order to provide students with an alternative to the standardized Advanced Placement curriculum, MBS offers year-long Advanced Studies (AS) courses in most of our core academic departments. In rigor and placement, Advanced Studies courses are equivalent to our AP offerings: like the AP, they are open to our most ambitious and high-performing juniors and seniors. Advanced Studies courses differ from the AP in their curricular content and style of instruction, aiming at deep mastery of a discipline, and emphasizing open-ended inquiry, problem solving, and collaboration.

#### Advanced Seminars

The Advanced Seminar program complements both the AP and Advanced Studies courses by offering our most ambitious and motivated students the opportunity to explore topics that fall between or beyond core academic disciplines. Advanced Seminars run for a single semester. Advanced Seminars change on a yearly basis, reflect faculty interest and expertise, and are reviewed by a committee of faculty, many with college-level teaching experience, to ensure a depth and rigor commensurate with firstyear college courses.

#### Interdisciplinary Concentrations Program

The Interdisciplinary Concentrations Program (ICP) offers pathways for students eager to explore an aspect of the world that transcends single classes, disciplines, and extracurricular pursuits in the following areas: "Arts and Innovation," "Global Citizenship," "Ethics, Leadership, Justice," or "Data Analysis and Research Methods." Students apply in 9th grade. As 10th and 11th graders, students meet weekly with advisors to investigate topics and supplement their studies with community service opportunities, electives, a speaker series, retreats, travel opportunities and independent projects to refine their commitment to their capstone project. As 12th graders, participants devise and complete a Thesis Studio during which the level of rigor continues to increase and culminates with an experiential-based capstone project and community presentation.

#### World Language Proficiency Curriculum

The World Language department has transitioned from a traditional curriculum that offers numbered courses to a Proficiency Curriculum. The Proficiency Curriculum in French, Latin and Spanish honors two key concepts: language is acquired through input and practice, not rules and explanations, and people acquire language at different rates. The curriculum is designed to allow students to move forward through language at a pace that provides them opportunities for success. The courses are defined by performance objectives rather than time spent learning the language. These performance objectives provide information for students about what they must consistently demonstrate to reach a particular level, putting them in control of their own progress. Students can move through the sequence at a pace that fits their language development, advancing past levels if they demonstrate competence in the relevant benchmarks. Students who demonstrate extraordinary achievement in their language studies advance to the Experienced level and either AP or Advanced Studies courses.

# *Class of 2024:* JUNIOR YEAR GRADE DISTRIBUTION

GRADES	A+	A		B+	R	R.		C		
							U			
English 11: American Narratives Fall*			7	12	10	4	3	1		
English 11: American Narratives Fall (H)*	2	5	20	21	8	1				
English 11: American Narratives Spring*		3	7	15	6	3	2			
English 11: American Narratives Spring (H)*	1	8	26	16	5	2				
Literary Studies in American Voices (AS)		8	2	9						
English Electives*		6	3							
English Electives (H)*		4	1		1					
History 11: American Experiences		2	8	8	6	2			1	
History 11: American Experiences (H)	1	17	22	7	2	2			-	
Perspectives on US History (AS)	2	4	4	1	2					
US History (AP)	2	8	7	3	2					
Fundamentals of Psychology (H)	3	4	2							
History and Social Science Electives*	3	17	12	2	3					
History and Social Science Electives (H)*	1	9	5	2						
Integrated Math 3		8	7	6	6	9	2		1	
Integrated Math 3 (H)		0	3	1	0		2		1	
Functions Analysis and Trigonometry		15	5	6	3	2.	2	1	1	
Mathematical Analysis (H)		7	3	5	4	1	2	1		
Calculus		,	5	,			1	-		
Calculus (H)		1	1	1			-			
CalculusAB (AP)		6	2	2	2					
Calculus BC (AP)		1								
Probability Theory*					1	1		1		
Statistics and Data Analysis*	1	6	3	1	1	1		1		
p: 1	2	2	4	0	11	8	2	1		
Biology	2	2	4	9	11	8	3	1		
Biology (H)	2			-	6	4	2			
Experimental Biology (H)	2	8	6	10	6	4				
Chemistry (AP)		3	4	-	(				2	
Organic Chemistry (AS) Environmental Science		2	4	10	6				2	
Environmental Science		1	1	2	1					

Environmental Science (H)       1       1       2       2       0       0       0         Anatomy and Physiology (H)*       1       1       1       0       0       0       0         Drone Engineering*       13       0 <th>GRADES</th> <th>A+</th> <th>A</th> <th>A-</th> <th>B+</th> <th>B</th> <th>B-</th> <th>C+</th> <th>C</th> <th>C-</th>	GRADES	A+	A	A-	B+	B	B-	C+	C	C-
Anatomy and Physiology (H)*       1	D									
Drone Engineering*       13       I	( )				2					
Forensic Science*       1			-	1						
Genetics and Biotechnology (H)       I       <										
Sports Medicine*         7         3         1         4         1         1           Building French         10         2         1         1         2         1         1         2         1 <t< td=""><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			1							
Building French       10       2       2         Intermediate French       1       2       1       1         Experienced French       10       8       2       2         Novice Latin       2       -       -       -         Foundational Latin       1       2       2       -       -         Intermediate Latin       2       2       -       -       -         Gender and Power in Latin Literature (AP)       1       1       1       -       -         Foundational Spanish       6       10       6       6       2       2         Building Spanish       6       10       6       6       2       1         Foundational Spanish       1       2       5       5       4       2       1         Experienced Spanish       1       2       5       5       4       2       1         Experienced Spanish       1       2       2       6       2       2       1         Experience Spanish Language B       1       2       -       5       4       2       1       1         Early Arts of East Asia (AS)*       1       1       1	07 ( )									
o         o	Sports Medicine*		7	3	1	4				
o         o										
Experienced French         10         8         2         1         1         1         1         1         1         1         1         1         1         1         1									2	
Novice Latin         2         1 <t< td=""><td></td><td></td><td>-</td><td></td><td>1</td><td></td><td>1</td><td></td><td></td><td></td></t<>			-		1		1			
Foundational LatinIII </td <td>*</td> <td></td> <td>10</td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td></td>	*		10			2				
Intermediate Latin         I <thi< th="">         I         <thi< th=""></thi<></thi<>				2						
Image: Separation of the separation	Foundational Latin			1						
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Foundational Spanish       2       2       6       6       2       2       2         Building Spanish       6       10       6       6       2       6       2       1         Intermediate Spanish       1       2       5       5       4       2       1       1         Experienced Spanish       4       2       14       4       4       4       2       1         Experienced Spanish       4       2       14       4	Experienced Latin		2	1	1	1				
Building Spanish       6       10       6       6       2       6         Intermediate Spanish       1       2       5       5       4       2       1         Experienced Spanish       4       2       14       4       4         Contemporary Hispanic Narratives       1       3       2       2       2       2         Heritage Spanish Language B       1       2       -       -       -       -       -         Spanish (AP)       1       1       1       -	Gender and Power in Latin Literature (AP)		1	1						
Intermediate Spanish       1       2       5       5       4       2       1         Experienced Spanish       4       2       14       4       4         Contemporary Hispanic Narratives       1       3       2       2       2         Heritage Spanish Language B       1       2       -       -       -         Spanish (AP)       1       1       1       -       -       -         Early Arts of East Asia (AS)*       1       1       1       -       -       -       -         Fashion: Global Imperatives (AS)*       3       1       -	Foundational Spanish			2	2	6	6	2		2
Interview of panish       1       1       1       1       1         Experienced Spanish       4       2       14       4       4         Contemporary Hispanic Narratives       1       3       2       2       2         Heritage Spanish Language B       1       2       -       -       -         Spanish (AP)       1       1       1       -       -       -         Early Arts of East Asia (AS)*       1       1       1       -       -       -       -         Fashion: Global Imperatives (AS)*       3       1       -<	Building Spanish		6	10	6	6	2	6		
Improvide or prime or prima or prima or prime or prima or prima or prima or prim	Intermediate Spanish	1	2	5	5	4	2		1	
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Spanish (AP)       1       1       1         Early Arts of East Asia (AS)*       1       1       1         Fashion: Global Imperatives (AS)*       3       1       1         Network Analysis (AS)*       1       1       1         Intro to Scientific Programming       1       3       1         Computer Arts and Sciences 1       1       1       1         Computer Arts and Sciences 2       1       1       1         Computer Systems Science (AS)       1       1       1	Contemporary Hispanic Narratives		1	3	2	2	2			
Early Arts of East Asia (AS)*     1     1       Fashion: Global Imperatives (AS)*     3     1       Network Analysis (AS)*     1     1       Intro to Scientific Programming     1     1       Computer Arts and Sciences 1     1     1       Computer Arts and Sciences 2     1     1       Computer Systems Science (AS)     1     1	Heritage Spanish Language B	1	2							
Fashion: Global Imperatives (AS)*       3       1         Network Analysis (AS)*       1       1         The Phonograph Effect (AS)*       1       1         Intro to Scientific Programming       1       3         Computer Arts and Sciences 1       1         Computer Arts and Sciences 2       1         CASci Studio: Advanced Projects (H)       1       1         Complex Systems Science (AS)       1	Spanish (AP)		1	1						
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The Phonograph Effect (AS)*     1     1       Intro to Scientific Programming     1     3       Computer Arts and Sciences 1     1       Computer Arts and Sciences 2     1       CASci Studio: Advanced Projects (H)     1     1       Complex Systems Science (AS)     1	· · ·		1	1	1					
Intro to Scientific Programming     1     3       Computer Arts and Sciences 1     1       Computer Arts and Sciences 2     1       CASci Studio: Advanced Projects (H)     1     1       Complex Systems Science (AS)     1					1	1				
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Computer Arts and Sciences 2     1       CASci Studio: Advanced Projects (H)     1     1       Complex Systems Science (AS)     1	Computer Arts and Sciences 1				1					
CASci Studio: Advanced Projects (H)     1     1     1       Complex Systems Science (AS)     1	· · · · · · · · · · · · · · · · · · ·			1						
Complex Systems Science (AS) 1	<u>^</u>	1	1	1						
	, , ,			1						
	Coding for the Web*		3							

## **Upper School Academic Course Offerings 2023-2024**

	Grade 9	Grade 10	Grade 11	Grade 12							
English	Humanities English 9 (EH)	Humanities English 10 (EH)	English 11: American Narratives (EH) AS Literary Studies in American Voices	Semester Electives (EH) AP English Literature							
Mathematics	Integrated Math 1 (EH)										
	Integrated Math 2; Integrated Math	1 2 H									
	Integrated Math 3; Integrated Math	Integrated Math 3; Integrated Math 3 H									
	Functions Analysis and Trigonometry; Mathematical Analysis H										
		Probability Theory H*; Statistics and Data Analysis*									
			Calculus; Calculus H; AP Calculus AB								
				AP Calculus BC AP Statistics Statistics and Probability H Quantitative Business Analysis*							
History and Social Science	Humanities History 9 (EH)	Humanities History 10 (EH)	US History 11: The American Experience (EH) AP United State History AS Perspectives on American History	AP European History AS A History of Western Ideas AS 20th Century Global History							
			AS Economics Fundamentals of Psychology H								
			History Electives (EH)* Social Science Electives*								
			Behavioral Economics H* Constitutional Law H* Ethical Business and Economics H*								
Science	Physics Mathematical Physics H	Chemistry (EH) Quantitative Chemistry H	Biology (EH) Experimental Biology H	Environmental Science (EH)							
			AP Chemistry	AP Biology Advanced Physics 1 and 2 H*							
			AS Organic Chemistry	•							
			Semester electives including: Anatomy and Physiology H* Autonomous and Mobile Robotics H* Genetics and Biotechnology H*								
World Language	French, Latin, Spanish: Introductory	y, Novice, Foundational, Building	French, Latin, Spanish: Intermediate,	Experienced							
(No Honors Option)	Heritage Spanish Language		Contemporary Hispanic Narratives								
			AP French Language AS Roman Literature of the Golden Age AP Spanish Language								
Advanced Seminars (Semester)			AS Anthropology of Childhood Games and Play* AS Audio Culture: Music, Noise, Sound and Silence* AS Comparative Biomechanics* AS Explorations in Russian Language and Culture* AS Fashion: Global Imperatives, Materiality, Embodiment* AS Group Theory, Combinatorics, and Rubik's Cube*								
Art and Design	Foundations: Digital Foundations: Studio	Foundations: Digital Foundations: Studio Art 2	Art 2; Art 3	Art 2; Art 3; Art 4 AP Studio Art							
	A wide range of semester electives are also offered across grade levels in Design, Digital and Studio Arts.										
Performing Arts	Full year offerings in Chorus, Dance, Jazz Ensemble, Percussion Ensemble, String Ensemble										
	A wide range of full year and semester electives are also offered across grade levels in Dance, Theater and Music, including several through our Center for Innovation and Design.										
Computational and Informational Sciences	Computer Arts and Sciences 1: Intro to Design and Problem Solving	Computer Arts and Sciences 2: Algorithms and Data Structures (H)	CASci Studio: Advanced Projects H ) AS Complex Systems Science Spaceflight Engineering Science H								
	Several semester electives are also offered at various grade levels.										
Wellness	Wellness 9	Wellness 10*	Integrative Health*	Senior Project (non-credit) Peer Group*							
		Semester electives including sever	al cross listed in History and Social Sci	ence and Science							

<sup>\*</sup>Semester Courses

Please note that students' individual academic programs may vary from what is reflected in the grade level sequences above.
Students must fulfill required prerequisites and have departmental approval in order to enroll in any of the 11 Advanced Placement and 8 Advanced Studies courses offered.
Placement in semester-long Advanced Seminars is based on student achievement and by faculty invitation.
EH denotes Earned Honors.

# MATRICULATION LIST

Class of 2023 college attendance is in bold

Howard University

**American University** Arizona State University **Auburn University** Babson College **Bates College Baylor University** Belmont University Bentley University **Boston College** Boston Conservatory at Berklee **Boston University** Bowdoin College Brandeis University **Bryant University Bucknell University** California Polytechnic State University **Case Western Reserve University Chapman University** Clemson University Colgate University **College of Charleston College of the Holy Cross** College of William & Mary **College of Wooster Colorado College** Columbia University **Concordia University Montreal** Connecticut College Cornell University County College of Morris Curry College Dartmouth College **Davidson College Dickinson College** Drew University Drexel University **Elon University** Emerson College **Emory University** Endicott College Fairfield University Fordham University Franklin & Marshall College **Georgetown University** George Washington University Georgia Institute of Technology Gettysburg College Hamilton College Haverford College **High Point University** Hobart and William Smith Colleges

Indiana University James Madison University Johns Hopkins University Lafayette College Lehigh University Lewis & Clark College Long Island University Louisiana State University Loyola University Chicago Loyola University Maryland Macalester College Marymount Manhattan College Maryville College Miami University Michigan State University Middlebury College Montclair State University Morehouse College Morgan State University Muhlenberg College New Jersey Institute of Technology New York University Northeastern University **Oberlin College of Arts and Sciences** Oxford Brookes University Pennsylvania State University **Plymouth State University Princeton University** Providence College **Purdue University** Ramapo College of New Jersey Rensselaer Polytechnic Institute Rivier University Rochester Institute of Technology **Rollins** College Rowan University Rutgers University-Newark Sacred Heart University Salve Regina University Santa Clara University Savannah College of Art and Design Seton Hall University Skidmore College Southern Methodist University Spelman College St. John's College Stevens Institute of Technology Suffolk University Syracuse University **Temple University** 

Texas Christian University The College of New Jersey The New School-Parsons School of Design The Ohio State University **Trinity College Tufts University Tulane University** United States Military Academy United States Naval Academy University of Alabama University of Bridgeport University of California-Berkeley University of California, Los Angeles University of Central Florida University of Colorado Boulder University of Connecticut University of Dayton University of Delaware University of Denver University of Florida University of Louisville University of Maryland, **Baltimore** County University of Maryland, College Park University of Massachusetts University of Miami University of Michigan University of North Carolina Wilmington University of Pennsylvania University of Rhode Island University of Richmond University of Rochester University of San Diego University of South Carolina University of Southern California University of St. Andrews University of Tennessee University of Utah University of Vermont University of Virginia University of Wisconsin Vanderbilt University Villanova University Virginia Polytechnic Institute Wake Forest University Washington University in St. Louis West Chester University of Pennsylvania William Paterson University Williams College Worcester Polytechnic Institute